

Item description

Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 25 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Connection data

| | |
|-----------------------|---------------------|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |



| | Push-in |
|---|--|
| Nominal cross section | 4 mm ² |
| Solid conductor | 0.5 ... 4 mm ² / 20 ... 12 AWG |
| Solid conductor, push-in termination | 1.5 ... 4 mm ² / 16 ... 12 AWG |
| Stranded conductor | 0.5 ... 2.5 mm ² / 20 ... 14 AWG |
| Fine-stranded conductor | 0.5 ... 4 mm ² / 20 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm ² / 20 ... 14 AWG |
| Fine-stranded conductor with ferrule, push-in termination, from | 1.5 mm ² / 16 AWG |
| Strip length | 9 mm / 0.35 Inch |
| Note (strip length) | see also packaging or instructions |
| No. of poles | 2 |
| Total number of connection points | 4 |
| Total number of potentials | 2 |
| Conductor entry direction to mating direction | 0° |

Geometrical Data

| | |
|-------------|----------------------|
| Pin spacing | 10 mm (0.394 inch) |
| Width | 20 mm / 0.787 inch |
| Height | 12.9 mm / 0.508 inch |
| Depth | 37.5 mm / 1.476 inch |

Mechanical data

| | |
|---|---|
| Coding | L |
| Mating force of a plug-in connection | approx. 20 ... 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 ... 70 N (depending on pole number) |
| Marking | L' N' |
| Degree of protection | IP20 |
| Potential marking | L' N' |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type | for conductors |
| Mismating protection | Yes |
| Locking of plug-in connection | locking lever |
| Locking lever | no |

Material Data

| | |
|-------|-----------|
| Color | dark gray |
|-------|-----------|

| | |
|-----------------------------|---|
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper or copper alloy, surface-treated |
| Fire load | 0.128 MJ |
| Weight | 6.546 g |

Environmental Requirements



| | |
|---|---------------|
| Surrounding air (operating) temperature | -35 ... 85 °C |
|---|---------------|

Commercial data




| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4050821028345 |
| Customs Tariff No. | 85366990990 |
| Product Group | 20 (WINSTA) |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Certificate name |
|--|--|------------------|
| | CCA DEKRA Certification B.V. | NL-32105 |
|  | CCA DEKRA Certification B.V. | 2173495.02 |
|  | VDE VDE Prüf- und Zertifizierungsinstitut | 40029808 |

Ship Approvals

| Logo | Approval | Certificate name |
|--|--|------------------|
|  | ABS American Bureau of Shipping | 14-HG1241528-PDA |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | TAE00001Z6 |
|  | LR Lloyds Register | 02/20050 (E6) |

UL-Approvals




| Logo | Approval | Certificate name |
|--|---|------------------|
|  | cURus Underwriters Laboratories Inc. | E45171 Sec. 9 |

Compatible products

Strain relief plate

| | |
|---|--|
| Item no.: 770-502/041-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 7.0 ... 10.5 mm; 35 mm | www.wago.com/770-502/041-000 |
| Item no.: 770-502/042-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 5.0 ... 9.0 mm; 35 mm | www.wago.com/770-502/042-000 |
| Item no.: 770-512/041-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 7.0 ... 10.5 mm; 35 mm | www.wago.com/770-512/041-000 |
| Item no.: 770-512/042-000 Strain relief housing; 2-pole; with locking clip; for 1 cable; 5.0 ... 9.0 mm; 35 mm | www.wago.com/770-512/042-000 |



Locking lever

| | |
|---|--|
| Item no.: 770-101 Locking lever; manually operated; for "flying leads" | www.wago.com/770-101 |
|  Item no.: 770-111 Locking lever; tool operated; for "flying leads" | www.wago.com/770-111 |
|  Item no.: 770-121 Locking lever; manually operated; for "flying leads" | www.wago.com/770-121 |
|  Item no.: 770-131 Locking lever; tool operated; for "flying leads" | www.wago.com/770-131 |

protection

| | |
|---|--|
| Item no.: 770-221 Lockout cap; for socket; 12-pole; separable | www.wago.com/770-221 |
|---|--|

General accessories

| | |
|--|--|
|  Item no.: 770-317 Snap-in frame; for 2-pole sockets and plugs; 2-pole | www.wago.com/770-317 |
|  Item no.: 770-337 Snap-in frame; for 2-pole sockets and plugs; 2-pole | www.wago.com/770-337 |

tools



Item no.: 210-720

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

www.wago.com/210-720



Item no.: 770-382

Operating tool; 2-way

www.wago.com/770-382

Downloads

Documentation

Bid Text

| | | | |
|---------------------|--------------|---------|----------|
| 770-1172 | Jan 19, 2016 | DOC | Download |
| WINSTA MIDI 2-polig | | 24.1 kB | |

Subject to changes.